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UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No. 062020-1570
First Inventor Vichang

METHODS AND SYSTEMS FOR RECOGNIZING ROAD SIGNS IN A DIGITAL IMAGE

Express Mail Label No. EL993860914US

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No.

Title

APPLICATION ELEMENTS See MPEP Chapter 600 concerning utility patent application contents					ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450										
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1.	X	Fee Tra (Submit a	insmittal Form (e an original, and a di	.g., PTO/SB/17) uplicate for fee processing)			7.	<u></u>		n or CD-R (Appendi)		ge table or Comp	ricei		
2.	X			ntity status. See CFR 1.27		•	8.		eotide and/ <i>plicable, al</i>		Acid Sequence y)	Submission	ο ₇		
3.	X	Specific (prefern	ation ed arrangement :	[Total Pages set forth below)	33]		a.		Compu	iter Readable C	Copy (CRF)	S. P.1		
Descriptive title of the invention Cross Reference to Related Applications								b.	Specifica	ation Sequ	ence Listing on	:	366		
	 Statement Regarding Fed. Sponsored R&D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention 								i.		CD-ROM or C	D-R (2 copies); or	031088 U.S. 10/69697		
									ii.		Paper		8,		
		- 1	Brief Description	of the Drawings (if filed)				C.		Statem	ents verifying id	dentity of above co	pies		
			Detailed Descript Claim(s)	ion				TION PART	S						
			Abstract of the D	isclosure			9.	& Documents(s))))						
4.	X	Drawing	g(s) (35 USC 113	3) [Total Sheets	14]]	10.		37 CFR	3.73(b) St here is an a	atement	Power of Attorney			
5.	Oath o	ır Declara	tion	[Total Pages	3	,	11.		English Translation Document (if applicable)						
J.	a.			(original or copy)	<u> </u>	•	12.			tion Disclosent (IDS)/P		Copies of Citations			
	Copy from a prior application (37 CFR §1.63(d))						13. Preliminary Amendment								
b. [] (for continuation/divisional with Box 18 completed)							14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)								
		i.		TION OF INVENTOR(S)			15. Certified Copy of Priority Document(s) (if foreign priority is claimed)								
		1.		d statement attached deleting in d in the prior application,	ventor(s)		Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).								
				7 CFR 1.63(d)(2) and 1.33(b).			16.		Applicar	nt must att	ach form PTO/S	SB/35 or its equiva	alent.		
6.	6. Application Data Sheet. See 37 CFR 1.76														
18.	If a CC	IUNITNO	NG APPLICA	TION, check appropriate box	x, and sup	oply	the re	quisite	informat	tion belov	v and in a pre	eliminary amend	lment,		
				nder 37 CFR 1.76:	Continua	tion	in-na	art (Cl	P)	of prior	r application	No: /			
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For				S only: the entire disclosure of the period	orior applicat	ion, f	om whi	ich an oa erence.	ath or declar	ration is sup oration <u>can</u>	plied under Box only be relied u	5b, is considered a portion	part of the has been		
inac	vertently	mitted fron	n the submitted app	olication parts.											
<u>_</u>				18. CORR		UEN	ICE /	AUUK	7		7				
Customer Number: 24504 OR Correspondence address below:															
NAME Scott A. Horstemeyer															
Thomas, Kayden, Horstemeyer & Risley, L.L.P. ADDRESS 100 Galleria Parkway															
Suite 1750															
CIT			Atlanta	STATE	Georgi						ZIP CODE	30339-5948			
CC	UNTRY	/	U.S.A.	TELEPHONE	770-93	3-9	500		_		FAX	770-951-093	3		
Name (Print/Type) Scott A. Horstemeyer								Re	gistration	No. (Atto	mey/Agent)	34,183			
Sig	nature		Coll	bus	2	<u>ー</u>	N			Date	119300	3			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 1.22 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office P.O. Box 1450, Alexandria, VA 22313-1450 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE	TR	AN	SMI	ΓTAL
	for	FY	2004	4

Effective 10/01/2003. Patent fees are subject to annual revisions.

Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (s) 425.00

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	Co	mplete if Known	
	Application Number	Not Yet Assigned	
	Filing Date	October 30, 2003	
ı	First Named Inventor	Yichang TSAI	
	Examiner Name	Not Yet Assigned	
	Group / Art Unit	Not Yet Assigned	
	Attorney Docket No.	062020-1570	
	7111011110		_

METHOD OF PAYMENT (check all that apply)					FEES CALCULATION (continued)						
⊠ Check _	3. ADDITIONAL FEES Large Entity Small Entity										
	Credit Card	_ Money	H	Fee Fee	Fee	Fee	Fee	Fee Description	Fee Paid		
Deposit Account				Code 1051	(\$) 130	Code 2051		Surcharge-late filing fee or oath			
Deposit Account			— l	1052	50	2052		Surcharge-late provisional filing fee or cover sheet			
Number		20-0778		1053	130	1053	130	Non-English specification			
ė		20-0110		1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
Deposit Account Name	Thomas, Kayo	len, Horstemeyer Risley, L.L.f	s.	1804	920*	1804		Requesting publication of SIR prior to Examiner actio	n		
}	1	to: (check all that apply)		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
Charge fee(s)	indicated below	Credit any overpayment		1251	110	2251	55	Extension for reply within fi	rst		
Charge any a	dditional fee(s) durir	ng the pendency of this application		1252	420	2252	210	Extension for reply within			
Charge fee(s)	indicated below, ex	cept for the filing fee to the above	re-	1253	950	2253	475	second month Extension for reply within			
identified deposit account FEE CALCULATION				1		2254	740	third month Extension for reply within			
1. BASIC FILING				1254	1,480			fourth month	:ab		
Large Entity	Small Entity	Fee P	bic	1255	2,010	2255	1,005	Extension for reply within fronth	irtn		
Fee Fee	Fee Fee Code (\$)	Fee Description	uiu	1401	330	2401	165	Notice of Appeal			
Code (\$)		Utility Filing Fee \$385.	00	1402	330	2402	165	Filing a brief in support of a appeal	an		
1001 770		Design Filing Fee		1403	290	2403	145	Request for oral hearing			
1002 340	2002 170	Plant Filing Fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	;		
1003 530	2003 265 2004 385	Reissue Filing Fee		1452	110	2452	55	Petition to revive-			
1004 770		Provisional Filing Fee		1453	1,330	2453	655	unavoidable Petition to revive-			
1005 160	2005 80	_		ļ		2501	665	unintentional Utility issue fee (or reissue)		
		SUBTOTAL (1) (\$)385.00		1501 1502	1,330 480	2502	240	Design issue fee	´		
2. EXTRA CLAI	M FEES FOR UT	LITY AND REISSUE Extra Fee F	ee	1503	640	2503	320	Plant issue fee			
		Claims From P	aid	1460	130	1460		Petitions to the			
		Below		1807	50	1807	50	Commissioner Processing fee for			
Total Claims Independent		0 X 9.00 = 0 X 43.00 =			180	1806	180	provisional application			
Claims		145.00 =		1806				Disclosure Stmt	40.00		
Multiple Dependent		143.00		8021	40	8021	40	Recording each patent assignment per property (times number of properties)			
Large Entity Fee Fee	Small Entity Fee Fee	Fee Description		1809	770	2809	385		inal		
Code (\$)	Code (\$)			1810	770	2810	385	For each add, invention to	be		
	2202 9 2201 43	Claims in excess of 20 Independent claims in excess	f 3	1801	770	2801	385	examined (37 CFR 1.129) Request for Continued	(0))		
1201 86 1203 290	2201 43	Multiple dependent claim, if not				1802	900	Examination (RCE) Request for expedited examination	am.		
1203 290	2203 143	**Reissue independent claims of		1802	900	1002	500	of a design application			
1205 18	2205 9	original patent **Reissue claims in excess of 2		Other	fee (specif	v)					
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SUBMITTED BY						24 40	22	Telephone 7	70-933-9500		
Typed or Printed Nar	me Scott A	. Horstemeyer /		Reg	istration N	0. 34,10		Number /	10-300-3000		